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3  
4 BILL NO. S-76-12-29

SPECIAL ORDINANCE NO. S-232-76

5  
6 AN ORDINANCE approving a contract with  
7 Elliott Equipment Corp. for materials  
8 for Signal Div. Traffic Engineering.

9 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF  
10 FORT WAYNE, INDIANA:

11 SECTION 1. That the contract dated November 16, 1976,  
12 between the City of Fort Wayne, by and through its Mayor and the  
13 Board of Public Works and Signal Div. Traffic Engineering, for:

14 11 Solid State 2 Circuit Flashers Complete  
on cabinet

15 159.80/ea \$1,757.80

16 24 1/way one section 12" Amber Polycarbonate  
17 signals with single 1 1/2" pipe bracket  
arm with down hub pole plate.

18 57.83/ea. \$1,387.92

19 TOTAL: \$3,145.72

20 all as more particularly set forth on City Utilities Purchase  
21 Order No. 8431, which is on file in the Office of the Department  
22 of Purchasing and is by reference incorporated herein, made a  
23 part hereof and is hereby in all things ratified, confirmed and  
24 approved.

25 SECTION 2. This Ordinance shall be in full force and  
26 effect from and after its passage and approval by the Mayor.

27  
28  
29   
30 Councilman

31  
32  
33  
34  
35 APPROVED AS TO FORM  
AND LEGALITY,

  
CITY ATTORNEY

Read the first time in full and on motion by Burns, seconded by Hinga, and duly adopted, read the second time by title and referred to the Committee on City of Elite (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City County Building, Fort Wayne, Indiana, on \_\_\_\_\_, the day of \_\_\_\_\_, 1976, at \_\_\_\_\_ o'clock P.M., E.S.T.

DATE: 12-14-76

Charles W. Westerman  
CITY CLERK

Read the third time in full and on motion by Burns, seconded by Hinga, and duly adopted, placed on its passage. PASSED (LOST) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT:
TOTAL VOTES	<u>8</u>			<u>1</u>	
BURNS	<u>✓</u>				
HINGA	<u>✓</u>				
HUNTER	<u>✓</u>				
MOSES	<u>✓</u>				
NUCKOLS	<u>✓</u>				
SCHMIDT, D.				<u>✓</u>	
SCHMIDT, V.	<u>✓</u>				
STIER	<u>✓</u>				
TALARICO	<u>✓</u>				

DATE: 12-28-76

Charles W. Westerman  
CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL) (APPROPRIATION)

ORDINANCE (RESOLUTION) No. A-232-76 on the 28th day of Dec, 1976.

ATTEST: (SEAL)

Charles W. Westerman  
CITY CLERK

James Stier  
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 29th day of Dec, 1976, at the hour of 11:00 o'clock A M., E.S.T.

Charles W. Westerman  
CITY CLERK

Approved and signed by me this 3rd day of January, 1976, at the hour of 11:30 o'clock \_\_\_\_\_ M., E.S.T.

Robert E. Armstrong  
MAYOR

Bill No. S-76-12-29

REPORT OF THE COMMITTEE ON CITY UTILITIES

We, your Committee on City Utilities to whom was referred an Ordinance  
approving a contract with Elliott Equipment Corp. for materials for  
Signal Div. Traffic Engineering

have had said Ordinance under consideration and beg leave to report back to the Common  
Council that said Ordinance as PASS.

Paul M. Burns - Chairman

John Nuckols - Vice-Chairman

William T. Hinga

Fredrick R. Hunter

Samuel J. Talarico

12-28-76 CONCURRED IN  
DATE CHARLES W. WESTERMAN, CITY CLERK

# Memorandum

To H.P. Wehrenberg - Board of Works Date November 16, 1976  
From J.E. Kroener - Purchasing Dept.  
Subject Solid State Flashers & Signals for Alternator Program.

## COPIES TO:

H.A. Biggs  
J.F. Morreale  
J.H. Hindman  
T.A. Manny  
S.W. Davis

Per Bid #406 the following purchase order is issued to the low bidder, Elliott Equipment Co., P.O. 8431 for \$3,145.72.

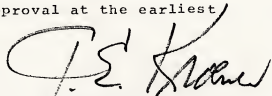
Five (5) bids were mailed out and only Elliott Equipment Company bid with Federal Sign and Signal Corporation submitting a no bid. No response from the other three.

Attached are the following documents:

1. Purchase Order #8431
2. Bid Tabulation Sheet
3. Bid Mailing Record Sheet
4. Copy of Elliott Bid

Traffic Engineering has reviewed Elliott's bid specifications on these units and advise they are acceptable and that Elliotts price is in line with the cost estimate.

Please process to Council for approval at the earliest possible date.

  
J.E. Kroener

Approved: 

A.C. Lord

64-44-13  
12/1/76

 12/14/76

ITEM #2  
One Way/One Section  
Signals

a/c None Needed. Net 30  
 Elliott Equipment Corp.  
 a/c O.K. check # 4160.00  
 32855

Dec. 45 Day Total  
A.R.O.  
159.80 per \$1,757.80

Delv. 45 bags  
A.P.V. Total  
57.83/ea \$1,387.92

Gr. Total  
\$3145.72

Crescent Electric Supply

Bell & Gustus, Inc.

Federal Sign & Signal Corp.

No Bid

No Bid

Crouse Hinds Co.

C.C. Steve Davis - Traffic Engr.  
TP 11/15pm - Spec's OK - go ahead -

[illegible]

## CITY OF FORT WAYNE

## CITY UTILITIES

DEPARTMENT OF PURCHASES  
ROOM 950 CITY-COUNTY BUILDING  
NUMBER ONE EAST MAIN STREET  
FORT WAYNE, INDIANA 46802

64-44-13 ORIGINAL 8431 12/1/76  
PURCHASE ORDER NO. 8431

This number must appear on each package, packing slip, invoice, bill of lading, express receipt and correspondence.

DATE Nov. 16, 1976

Elliott Equipment Corp.  
2831 N. Catherwood Avenue  
Indianapolis, Indiana

MAIL ALL INVOICES TO -  
CITY UTILITIES  
GENERAL ACCOUNTING  
4th FLOOR CITY-COUNTY BUILDING  
NUMBER ONE EAST MAIN STREET  
FORT WAYNE, INDIANA 46802  
INVOICE IN DUPLICATE, INCLUDING  
CERTIFICATION AS REQUIRED BY  
INDIANA STATE BOARD OF ACCOUNTS

Signal Div. Traffic Engr.  
1730 S. Lafayette St.  
Fort Wayne, Indiana  
Attn: Herb Haneline.

QUANTITY RECEIVED	QUANTITY ORDERED	DESCRIPTION	ACCT. OR W.O. NO.	UNIT PRICE	TOTAL
	11	Solid State 2 Circuit Flashers Complete on cabinet		159.80/ea	\$1,757.80
	24	1/way one section 12" Amber Polycarbonate signals with single 1 1/2" pipe bracket arm with down hub pole plate.		57.83/ea.	\$1,387.92
					\$3,145.72
		Per bid #406 Net 30 days Del. - 45 days Send construction drawings to Steve Davis - Traffic Engr. Room 340 City County Bldg. One Main St., Fort Wayne, Indiana 46802			
		APPROVED Board of Public Works HAW Henry P. Wehrenberg E. S. S. B. Max May 9 1977 ATTENTION! Send all invoices to General Accounting 4th Floor, City-County Bldg. 1 E. Main St. Fort Wayne, Indiana 46802 Show P. O. Number on Packing Slip and Invoice.			
		SUBJECT TO COUNCILMANIC APPROVAL.			
		JEK/bk			

NOTE: TERM OF PAYMENT MUST BE SHOWN ON FACE OF INVOICE. OTHERWISE A 2% CASH DISCOUNT WILL BE TAKEN

SUBJECT TO CONDITIONS ON REVERSE SIDE

BY

CITY UTILITIES PURCHASING AGENT

## CITY OF FORT WAYNE

## DEPARTMENT OF PURCHASES

Number One Main St., Ft. Wayne, Ind. 46802

## INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

\*Mail all replies and correspondence, etc. to Attn. of A.C. Lord 423-7037 DEPARTMENT OF PURCHASES

Room 470, Number One Main St., Ft. Wayne, Ind. 46802

Address  
**REQUIRED FOR DELIVERY TO:**

Department or Division Signal Div. Traffic Engr.  
1730 South Lafayette St.

Address Port Wayne, Indiana Attn: H. Haneline

**RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE**

Closing November 15th, 1976 at 11:00 A.M. on Monday

Time of Bids November 15th, 1976 at 11:00 A.M. on Monday

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 44608. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 10 on reverse hereof for details.

**TAX EXEMPT (Unless otherwise indicated)**

Quantity	Unit	Materials, Supplies, Equipment or Service	Unit Price	Total Amount
11		Solid State 2 Circuit Flashers complete in cabinet.	159.80	1757.80
24		One way/one section 12" Amber Polycarbonate signals with single 1 1/2" pipe bracket arm with down hub pole plate.	57.83	1387.92
		Per specifications attached.		3145.72
		Note: Include construction drawings with your bid on both items.		
		The Non-Collusion Affidavit, attached, must be signed and notarized and returned with your bid.		

Bid Bond required ☒ YES ☐ NO 5% of Bid Performance Bond ☒ YES ☐ NO  
See instruction item No. 18 on reverse side hereof.

Terms NET 30 cash discount if paid within        days from delivery and acceptance of goods or completion of services.

**PROPOSAL OR BID**

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and as the price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within 45 days from receipt of order <sup>DATE</sup>.

**IMPORTANT**

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.

Sign Here:

Elliott Equipment Corp.

For P.C. Elliott This        President

Address 2831 N. Catherwood Avenue

City Indianapolis, Indiana

Date 11/8/76



ITEM 1SPECIFICATIONS FOR TWO ALTERNATE CIRCUIT SOLID STATE FLASHER

The purpose of this specification is to describe minimum acceptable design and operation requirements for a two (2) circuit alternate solid state switching flasher in cast aluminum cabinet.

1. The two (2) circuit alternate solid-state switching flasher shall be plug in design.
2. The rate of flash shall be 50-60 flashes per minute.
3. The flasher shall be designed so that the unit cannot be inserted improperly into the plug-in base.
4. The flasher shall be constructed using heavy-duty plugs and jack capable of handling the rated load current.
5. Electrical rating 10 amp. per circuit, operate on 120 volt A.C.
6. No degradation of performance shall be experienced in environmental changes from -20 degrees F. to +165 degrees F, and 0 to 90% humidity.
7. Cast aluminum weatherproof cabinet to contain the following:
8. Flasher panel with terminal block, radio interference filter, and thyrector wired ahead of fuse.
9. Cast aluminum cabinet not to be drilled, but furnished with two (2) 1" hub plates with gaskets, bolts and nuts.
10. Cabinet to be painted federal yellow.
11. For each unit ordered there shall be supplied a schematic diagram and descriptive parts list of the flasher.

TOTAL EACH:	\$	<u>213.07</u>
LESS DISCOUNT EACH:	\$	<u>53.27</u>
TOTAL NET PRICE EACH:	\$	<u>159.80</u>
GRAND TOTAL 11 UNITS:	\$	<u>1757.80</u>

ITEM 1SPECIFICATIONS QUESTIONNAIRE

1. Solid-state switching flasher: Gammatronix Zero Crossing, 2 Circuits,  
25 AMP. Per Circuit Standard Plug in Flasher
2. Rate of flash: 50 - 60 Flash Per Min.
3. Flasher inserted plug-in base: Gammatronix STD Plug Base
4. Flasher rated load current: 25 AMP Per Circuit
5. Electrical rating: 110 - 130 V.A.C.
6. Performance-environmental changes: -30 F. - + 160 F
7. Cast aluminum weatherproof cabinet: 10" High X 7" Wide X 5" Deep  
~~CAST ALUM CAB.~~
8. Flasher panel wiring: With Fuse, Filter & Thyrector
9. Cabinet - 1" hub plates: 1 1/4" Hub Plates W/Bushing
10. Cabinet painted: Painted Federal Yellow
11. Schematic diagram, descriptive parts list: Supplied W/Each Unit.

ITEM 2

SPECIFICATION FOR 12" SINGLE SECTION AMBER SIGNAL

1. Purpose: The purpose of this specification is to set forth minimum design and operating requirements for adjustable face signal section.
2. General: The signal shall conform to the latest institute of Traffic Engineers' specifications.

The signal shall be sectional in construction, requiring one section.

3. Housing: The housing for the individual section shall be made of a die-cast, corrosion-resistant, copper-free, non-ferrous metal with a minimum tensile strength of 17,000 pounds per square inch.

All parts shall be clean, smooth and free from flaws, cracks, blowholes and other imperfections.

The top and bottom of each section shall have an integral locking ring with 72 serrations to permit rotation of the signal head in five degree increments.

Openings in the top and bottom of the signal shall accommodate standard 1 1/2" bracket arms.

The twelve inch section shall have two integral cast latching bolt lugs located on the right side of the casting.

4. Door: The door for each section shall also be die-cast units from similar material to that used for the main section housing.

The right side of the door shall have 2 integral cast fork lugs to accommodate the latching bolt.

The outside of the door shall have an integral rim completely encircling the lense opening to prevent any light leakage between the door and the lens.

The inside of the door shall have a groove to accommodate a one-piece air cored Neoprene gasket resulting in a completely weatherproof and dustproof assembly when the door is in the closed position.

The door shall be equipped with four holes located approximately 90 degrees apart for the dual purpose of mounting the hoods on the outside and the lens clips on the inside of the door.

5. Lens: Lenses shall be 12" in diameter and shall conform to the latest ITE specifications.

The lenses shall be poly carbonate.

The lens shall be encased in and protected by a special air cored Neoprene gasket which provides a dust seal between the lens door and reflector.

6. Visors: All sections shall have a visor.

The visor shall be sheet aluminum with a minimum thickness of .05 inches.

The visor shall be designed to fit tightly against the door and the cast rim completely encircling the lens opening. The visor-door assembly shall not permit any filtration of light between the door and the visor.

The visor shall be mounted with four truss heads screws.

7. Reflector Assembly: The reflector assembly shall consist of a reflector, die-cast retaining ring, socket and spring bail for holding the assembly together.

The reflector assembly shall be designed so that it can be swung out of the housing and easily removed without the use of tools.

The reflector shall be made of Alzak aluminum according to the latest ITE specifications.

The reflector assembly shall include a Neoprene gasket between the reflector and reflector retaining ring.

8. Lamp Receptacle and Wiring: The lamp receptacle shall be a fixed focus type positioning the lamp filament at the correct focal point in respect to the reflector.

The lamp socket shall be held in place by a wire spring bail so that it may be removed without the use of tools.

The assembly shall be designed so that the lamp socket can be rotated through 360 degrees with an 8 positions of adjustment for proper positioning of the lamp filament after relamping the signal.

The lamp socket shall be equipped with yellow color-coded wire.

The socket wires shall be a minimum of 26" long, composed of wire with insulation designed to withstand 105 degrees centigrade.

The wiring leads shall be terminated with clip-on connectors for ease of connection to terminal block.

The socket shall be equipped with a gasket to insure a dust-tight fit between socket and reflector.

9. Hardware: All crews, latching bolts and hinge pins shall be 300 series stainless steel to prohibit rust and corrosion.

10. Terminal Block: Each section shall be equipped with a three position terminal block for termination of field wiring.

Each section shall have provision and space for a five position terminal block.

11. Physical Dimensions: A 12" Section shall have an overall height of 14" and a width of 13" excluding the hinge and latching bolt lugs.
12. Painting: All signals shall be finished with a prime coat of zinc chromate followed by a coat of federal yellow enamel baked after application. The underside of hoods shall be painted dull black.
13. Pole Plate: Mounting plates shall be of aluminum cast material with a 1 1/2 inch bracket hub threaded to accept N.P.T. threads with a 1 1/4 inch entrance hub for wiring entrance. The plate shall be flat and capable of being bolted, banded or lagged to a structure.
14. Pipe Arm: The bracket arm for supporting signal head shall be of tubular design and the one end shall be 1 1/2" diameter threaded to screw into a mounting plate. The other end shall incorporate a tri-stud type mounting for the signal head to the bracket arm. The tubular arm shall have an access cover to facilitate the ease of wiring to the signal head.

TOTAL EACH: \$ 77.11

LESS DISCOUNT EACH: \$ 19.28

TOTAL NET PRICE EACH: \$ 57.83

GRAND TOTAL 24 UNITS: \$ 1387.92

ITEM 2

SPECIFICATIONS QUESTIONNAIRE

1. Purpose: \_\_\_\_\_  
\_\_\_\_\_
2. General: Singer 1 Section Polycarbonate Signal  
\_\_\_\_\_
3. Housing: 12" Polycarbonate  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. Door: 12" Polycarbonate  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. Lens: 12" Amber Polycarbonate  
\_\_\_\_\_
6. Visors: Polycarbonate Cap Type  
\_\_\_\_\_
7. Reflector Assembly: Polycarbonate With Alzak Insert  
\_\_\_\_\_  
\_\_\_\_\_
8. Lamp Receptacle and Wiring: Molded Bakelite- Wiring Color Coded  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. Hardware: Stainless Steel & Polycarbonate  
\_\_\_\_\_
10. Terminal Block: Each Section Has Terminal Block  
\_\_\_\_\_

ITEM 2

Specifications Questionnaire continued:

11. Physical Dimensions: 14" High 13" Wide  
\_\_\_\_\_
12. Painting: Color Molded Polycarbonate  
\_\_\_\_\_
13. Pole Plate: Cast Alum. As Specified  
\_\_\_\_\_
14. Pipe Arm: Cast. Alum. As Per Specified  
\_\_\_\_\_

NON-COLLUSION AFFIDAVITSTATE OF INDIANA, }  
--MARION-- COUNTY } SS:

The undersigned bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting, nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporation has, have or will receive directly or indirectly, any rebate, fee, gift, commission or thing of value on account of such sale or contract.

-----  
Elliott Equipment Corp.  
-----  
R. C. Elliott Pres.  
-----  
Bidder or Agent

For -----  
Elliott Equipment Corporation  
-----  
Firm or Corporation

Subscribed and sworn to before me this 8<sup>th</sup> day of November, 1976

My Commission Expires

July 23, 1977

Connie L. Baker



TITLE OF ORDINANCE SPECIAL ORDINANCE - City Utilities Purchase Order 8431DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKSSYNOPSIS OF ORDINANCE City Utilities Purchase Order 8431 to Elliott Equipment

*S-76-12-29*

Corporation in amount of \$3,145.72 provides for purchase of Circuit Flashers and Signals to be used by Traffic Engineering Department on Federally Funded Impact Attenuator Program. Five vendors were invited to bid, but Elliott Equipment submitted the only bid.

The cost will be reimbursed to the Utility upon completion of the project and receipt of federal monies.

EFFECT OF PASSAGE Supply materials needed for Attenuator ProgramEFFECT OF NON-PASSAGE Inability to purchase materials, which costs will be reimbursed upon completion of projectMONEY INVOLVED (DIRECT COSTS, EXPENDITURES, SAVINGS) Temporary charge to Utility  
of \$3,145.72ASSIGNED TO COMMITTEE *City Utilities*